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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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0.21

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FILE 'USPAT2' ENTERED AT 17:59:17 ON 03 FEB 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s polyaniline and blend and pixellat?

L1 13 POLYANILINE AND BLEND AND PIXELLAT?

=> s l1 and (poly 2-acrylamido-2-methyl-1-propanesulfonic acid or PAAMPSA)

4 FILES SEARCHED...

L2 10 L1 AND (POLY 2-ACRYLAMIDO-2-METHYL-1-PROPANESULFONIC ACID OR PAAMPSA)

=> S L2 AND (poly styrenesulfonic acid or PSS)

L3 5 L2 AND (POLY STYRENESULFONIC ACID OR PSS)

=> S L2 AND (polystyrenesulfonic acid or PSS)

L4 5 L2 AND (POLYSTYRENESULFONIC ACID OR PSS)

=> S L4 and light emitting diode#

L5 5 L4 AND LIGHT EMITTING DIODE#

=> d l5 1-5

L5 ANSWER 1 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2004020502 PCTFULL ED 20040316 EW 200411

TIEN HIGH RESISTANCE **POLYANILINE BLEND** FOR USE IN HIGH

EFFICIENCY **PIXELLATED** POLYMER ELECTROLUMINESCENT DEVICES

TIFR MELANGE DE **POLYANILINE** A HAUTE RESISTANCE DESTINE A ETRE

UTILISE DANS DES DISPOSITIFS ELECTROLUMINESCENTS POLYMERES PIXELLES A HAUT RENDEMENT

IN ZHANG, Chi, 5817 Encina Road, Apartment 102, Goleta, CA 93117, US

PA E.I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE 19898, US [US, US]

AG CAPRIA, Mary, Ann, E.I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805, US

LAF English

LA English

DT Patent

PI WO 2004020502 A1 20040311

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2003-US26756 A 20030826  
 PRAI US 2002-60/406,708 20020829  
 ICM C08G073-00  
 ICS C08G073-02; H01L051-00; H01L051-20; H01L051-30

L5 ANSWER 2 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2001099192 PCTFULL ED 20020826  
 TIEN HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY  
**PIXELLATED** ORGANIC ELECTRONIC DEVICES  
 TIFR POLYMERES CONDUCTEURS HAUTE RESISTANCE, UTILISES DANS DES DISPOSITIFS  
 ELECTRONIQUES ORGANIQUES PIXELISES A HAUT RENDEMENT  
 IN ZHANG, Chi;  
 CAO, Yong  
 PA UNIAX CORPORATION;  
 ZHANG, Chi;  
 CAO, Yong  
 DT Patent  
 PI WO 2001099192 A2 20011227  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
 DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX  
 MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
 UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
 AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB  
 GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML  
 MR NE SN TD TG

AI WO 2001-US18189 A 20010605  
 PRAI US 2000-60/212,736 20000620  
 ICM H01L027-00

L5 ANSWER 3 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2001041230 PCTFULL ED 20020827  
 TIEN HIGH RESISTANCE **POLYANILINE** USEFUL IN HIGH EFFICIENCY  
**PIXELLATED** POLYMER ELECTRONIC DISPLAYS  
 TIFR **POLYANILINE** A RESISTANCE ELEVEE UTILISEE DANS DES AFFICHAGES  
 ELECTRONIQUES POLYMERES PIXELISES A EFFICACITE ELEVEE  
 IN CAO, Yong;  
 ZHANG, Chi  
 PA UNIAX CORPORATION  
 DT Patent  
 PI WO 2001041230 A1 20010607  
 DS W: CA CN JP KR SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE TR

AI WO 2000-US32545 A 20001130  
 PRAI US 1999-60/168,856 19991202  
 ICM H01L051-20  
 ICS H01L027-15

L5 ANSWER 4 OF 5 USPATFULL on STN  
 AN 2002:185467 USPATFULL  
 TI High resistance **polyaniline** useful in high efficiency  
**pixellated** polymer electronic displays  
 IN Cao, Yong, Goleta, CA, UNITED STATES  
 Zhang, Chi, Goleta, CA, UNITED STATES  
 PI US 2002098377 A1 20020725  
 AI US 2000-725694 A1 20001129 (9)  
 PRAI US 1999-168856P 19991202 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 950

INCL INCLM: 428/690.000  
INCLS: 428/917.000; 313/504.000; 313/506.000; 427/058.000; 427/066.000;  
252/500.000; 257/040.000  
NCL NCLM: 428/690.000  
NCLS: 428/917.000; 313/504.000; 313/506.000; 427/058.000; 427/066.000;  
252/500.000; 257/040.000  
IC [7]  
ICM: H05B033-12  
ICS: H01B001-12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 5 USPATFULL on STN  
AN 2002:71863 USPATFULL  
TI High resistance conductive polymers for use in high efficiency  
**pixelated** organic electronic devices  
IN Cao, Yong, Goleta, CA, UNITED STATES  
Zhang, Chi, Goleta, CA, UNITED STATES  
PI US 2002038999 A1 20020404  
AI US 2001-878570 A1 20010611 (9)  
RLI Continuation-in-part of Ser. No. US 2000-725694, filed on 29 Nov 2000,  
PENDING  
PRAI US 2000-212736P 20000620 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1333  
INCL INCLM: 313/503.000  
NCL NCLM: 313/503.000  
IC [7]  
ICM: H01J001-62

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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Day : Thursday

Date: 2/3/2005

Time: 17:50:19

PALM INTRANET

**Inventor Name Search Result**

Your Search was:

Last Name = ZHANG

First Name = CHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name 44
<u>60640485</u>	Not Issued	019	12/30/2004	FILTERABILITY OF PANI DISPERSIONS WITH ULTRASONIC TREATMENT	ZHANG, CHI
<u>60462171</u>	Not Issued	159	04/10/2003	PROMOTING CARDIAC CELL DIFFERENTIATION	ZHANG, CHI
<u>60438209</u>	Not Issued	159	01/06/2003	HIGH RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>60438170</u>	Not Issued	159	01/06/2003	VARIABLE RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN ELECTRONIC DEVICES	ZHANG, CHI
<u>60406708</u>	Not Issued	159	08/29/2002	HIGH RESISTANCE POLYANILINE BLEND FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>60213674</u>	Not Issued	159	06/21/2000	HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMISSIVE DISPLAYS	ZHANG, CHI
<u>60212934</u>	Not Issued	159	06/20/2000	LIFETIME OF POLYMER LIGHT EMITTING DIODES FOR HIGH DENSITY INFORMATION DISPLAY BY THERMAL TREATMENT OF POLYMER LAYERS	ZHANG, CHI
<u>60212924</u>	Not Issued	159	06/20/2000	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH RESISTANCE EFFICIENCY PIXELLATED POLYMER EMISSIVE	ZHANG, CHI

				DISPLAYS	
<u>60212736</u>	Not Issued	159	06/20/2000	HIGH RESISTANCE CONDUCTIVE POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMMISIVE DISPLAYS	ZHANG, CHI
<u>60168856</u>	Not Issued	159	12/02/1999	HIGH RESISTANCE POLYANILINE FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER EMISSIVE DISPLAYS	ZHANG, CHI
<u>60144251</u>	Not Issued	159	07/19/1999	LONG LIFETIME POLYMER LIGHT-EMITTING DEVICES WITH HIGH LUMINOUS EFFICIENCY AND HIGH RADIANCE	ZHANG, CHI
<u>29199375</u>	Not Issued	094	02/12/2004	ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10998853</u>	Not Issued	020	11/29/2004	ELECTRICAL CONTACT	ZHANG, CHI
<u>10951501</u>	Not Issued	030	09/27/2004	ELECTRICAL CONNECTOR ASSEMBLY HAVING PICK-UP DEVICE	ZHANG, CHI
<u>10949997</u>	Not Issued	030	09/23/2004	TERMINAL FOR ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10943663</u>	Not Issued	030	09/16/2004	CARD EDGE CONNECTOR WITH IMPROVED TERMINALS	ZHANG, CHI
<u>10940386</u>	Not Issued	030	09/13/2004	ELECTRICAL CONNECTOR HAVING IMPROVED CONTACTS	ZHANG, CHI
<u>10940303</u>	Not Issued	092	09/13/2004	ELECTRICAL CONNECTOR HAVING IMPROVED CONTACTS	ZHANG, CHI
<u>10938077</u>	Not Issued	030	09/09/2004	PRESS-FIT CONTACT FOR ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10937935</u>	Not Issued	030	09/09/2004	ELECTRICAL CONNECTOR HAVING CONTACT WITH HIGH CONTACT NORMAL FORCE AND SUFFICIENT RESILIENCY	ZHANG, CHI
<u>10936281</u>	Not Issued	092	09/07/2004	ELECTRICAL CONNECTOR ASSEMBLY	ZHANG, CHI
<u>10936274</u>	Not Issued	030	09/07/2004	ELECTRICAL CONNECTOR HAVING RELIABLE TERMINAL RETAINING STRUCTURE	ZHANG, CHI
<u>10935817</u>	Not Issued	030	09/07/2004	ELECTRICAL CONNECTOR HAVING SHIELDING PLATES	ZHANG, CHI
<u>10917650</u>	Not Issued	030	08/13/2004	ELECTRICAL CONNECTOR	ZHANG, CHI
<u>10914963</u>	Not	030	08/09/2004	ELECTRICAL CONNECTOR WITH	ZHANG,

	Issued			IMPROVED TERMINALS	CHI
<u>10914879</u>	Not Issued	041	08/09/2004	ELECTRICAL CONNECTOR WITH IMPROVED TERMINALS	ZHANG, CHI
<u>10822496</u>	Not Issued	041	04/12/2004	PROMOTING CARDIAC CELL DIFFERENTIATION	ZHANG, CHI
<u>10802704</u>	Not Issued	030	03/17/2004	WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS	ZHANG, CHI
<u>10748965</u>	Not Issued	020	12/30/2003	VARIABLE RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN ELECTRONIC DEVICES	ZHANG, CHI
<u>10748927</u>	Not Issued	030	12/30/2003	HIGH RESISTANCE POLY(3,4-ETHYLENEDIOXYTHIOPHENE)/POLY (STYRENE SULFONATE) FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>10726532</u>	Not Issued	020	12/04/2003	METHOD OF CONFIGURATION MANAGED ENTITIES IN A COMMUNICATIONS NETWORK USING CONFIGURATION TEMPLATES	ZHANG, CHI
<u>10669494</u>	Not Issued	030	09/24/2003	WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS	ZHANG, CHI
<u>10627550</u>	Not Issued	030	07/24/2003	HIGH RESISTANCE POLYANILINE BLEND FOR USE IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTROLUMINESCENT DEVICES	ZHANG, CHI
<u>10324317</u>	Not Issued	083	12/20/2002	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH EFFICIENCY ORGANIC ELECTRONIC DEVICES	ZHANG, CHI
<u>09954549</u>	Not Issued	041	09/17/2001	METHODS FOR ACCESSING INFORMATION ON PERSONAL COMPUTERS USING VOICE THROUGH LANDLINE OR WIRELESS PHONES	ZHANG, CHI
<u>09881223</u>	Not Issued	161	06/14/2001	MULTILAYER STRUCTURES AS STABLE HOLE-INJECTING ELECTRODES FOR USE IN HIGH EFFICIENCY ORGANIC ELECTRONIC DEVICES	ZHANG, CHI
<u>09878570</u>	Not	161	06/11/2001	HIGH RESISTANCE CONDUCTIVE	ZHANG,

Not even Iss

	Issued			POLYMERS FOR USE IN HIGH EFFICIENCY PIXELLATED ORGANIC ELECTRONIC DEVICES	CHI
<u>09872301</u>	Not Issued	041	06/01/2001	THERMAL TREATMENT OF SOLUTION-PROCESSED ORGANIC ELECTROACTIVE LAYER IN ORGANIC ELECTRONIC DEVICE	ZHANG, CHI
<u>09725694</u>	Not Issued	094	11/29/2000 <i>John Palmer</i>	HIGH RESISTANCE POLYANILINE USEFUL IN HIGH EFFICIENCY PIXELLATED POLYMER ELECTRONIC DISPLAYS	ZHANG, CHI
<u>09617858</u>	6849869	150	07/17/2000	LONG LIFETIME POLYMER LIGHT-EMITTING DEVICES WITH IMPROVED LUMINOUS EFFICIENCY AND IMPROVED RADIANCE	ZHANG, CHI
<u>09596354</u>	Not Issued	161	06/17/2000	APPARATUS AND METHODS FOR ON-LINE PRODUCTS SEARCHING THAT EMPLOY ENTROPY-REDUCTION-BASED NATURAL LANGUAGE PROCESSING	ZHANG, CHI
<u>09538101</u>	6681044	150	03/29/2000	RETRIEVAL OF CURSIVE CHINESE HANDWRITTEN ANNOTATIONS BASED ON RADICAL MODEL	ZHANG, CHI
<u>08609113</u>	5798170	150	02/29/1996	LONG OPERATING LIFE FOR POLYMER LIGHT-EMITTING DIODES	ZHANG, CHI
<u>08089976</u>	Not Issued	161	07/09/1993	ELECTROLUMINESCENT DIODES UTILIZING BLENDS OF POLYMERS	ZHANG, CHI

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="Zhang"/>	<input type="text" value="Chi"/>	<input type="button" value="Search"/>

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